

INDIANA UNIVERSITY

BLOOMINGTON, INDIANA

DEPARTMENT OF BACTERIOLOGY

December 12, 1947

Doctor J. Lederberg
Department of Genetics
University of Wisconsin
Madison, Wisconsin

Dear Lederberg:

I have not answered your letter earlier because I hoped I could soon take up the matter you mentioned. It is clear, however, that I will simply not have time to study the mutational pattern of your bacterial strain for quite a time. On the other hand, I would hesitate very much to decide what are simple and what are complex mutants without a thorough study of the mutational pattern, particularly without a study of the presence in the complex mutants of exactly the same correlated characters as in the simple mutants. This would require lots of work and careful analysis. Maybe after January I may be able to get around to doing something along these lines. I would suggest that if you isolate large numbers of mutant resistent to different phages and compare their range of sensitiveness, you may hit rather easily on some complex mutants.

I am looking forward to seeing you in Chicago.

Best regards,



S. E. Luria

SEL:pr